

Room to Room Audio/Video Sender

OWNER'S MANUAL — Please read before using this equipment.

Your 2.4 GHz Room to Room Audio/Video Sender transmits signals from your satellite receiver or other A/V source to a TV or other device in another room, even through walls.

The wireless A/V sender converts your source's A/V signal into a radio signal, then transmits it to the wireless A/V receiver. The receiver converts the radio signal back to an A/V signal that travels through a cable to your TV's A/V input jacks (or an RF signal that travels through antenna cable to your TV's antenna input jack).



The sender's features include:

2.4 GHz Transmission — sends signals up to 100 feet on any of 4 channels.

Rotary Antenna Control — lets you easily adjust the antenna to the best receiving direction.

Non-Slip Rubber Feet — keep the video sender and receiver in place on a hard, flat surface.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

FCC CAUTION

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the radio or TV.
- Use outlets on different electrical circuits for the equipment and the radio or TV.

Consult your local RadioShack store if the problem still exists.

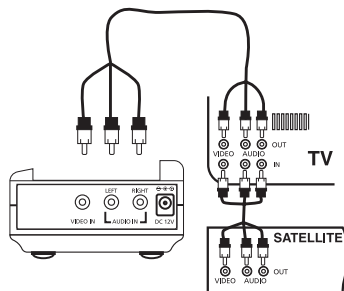
Warning: Changes or modifications to this unit not expressly approved by RadioShack could void your authority to operate the it.

PREPARATION

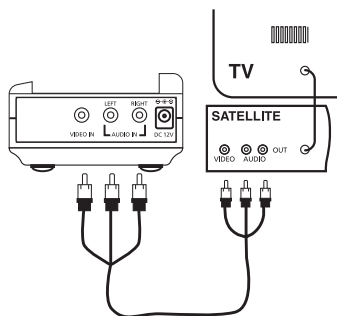
Note: Microwave ovens can cause interference. Do not position the sender and receiver near a microwave.

Connecting the Sender

1. Connect one of the supplied sets of A/V cables to the sender's **VIDEO IN** and **AUDIO IN** jacks, matching the colors of the cable's plugs with the sender's jacks.
2. Connect the cable's other ends to the source TV's **A/V OUT** jacks, matching the plug colors with the jacks on the TV.



If the colors of the TV's jacks are different than those on the cable, connect the cable's yellow plug to the VIDEO jack, its red plug to the AUDIO RIGHT jack, and its white plug to the AUDIO LEFT jack.



Note: If the TV does not have A/V OUT jacks, use the supplied A/V cable to connect the sender to the satellite receiver/cable box/VCR. Then use a coaxial cable (not supplied) to connect the satellite receiver/cable box/VCR to the TV.

3. Plug the sender's AC adapter's barrel plug into the sender's **DC 12V** jack, then plug its other end into a standard AC outlet.



Caution: You must use a Class 2 power source that supplies 12V DC and delivers at least 200 mA. Its center tip must be set to positive and its plug must fit the sender's **DC 12V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the sender or the adapter.

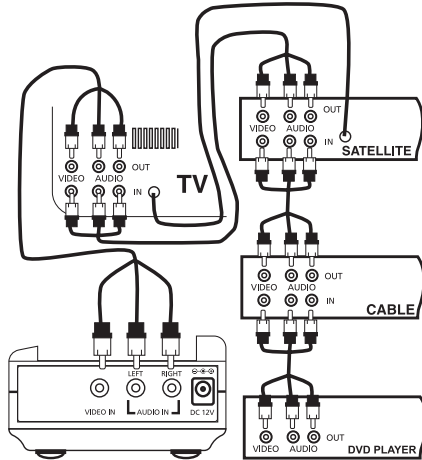
4. Place the sender in a convenient location, such as the top of the TV. Then adjust its antenna so the flat side faces the room where the receiver will be installed.

Connecting Multiple Components

To use your A/V Sender for two or more A/V components (such as a satellite, VCR, cable box, or laser disc), identify the final component in the chain and connect its **LINE OUT** jacks to the sender's **VIDEO IN** and **AUDIO IN** jacks.

If the chain's final component does not have spare **LINE OUT** jacks, use coaxial cables (not supplied) to connect the TV's and the final component's VHF/UHF jacks. Then connect the sender's **VIDEO IN** and **AUDIO IN**

jacks to the final component's LINE OUT jacks.



Connecting a Stereo System

Connect the sender's **AUDIO IN** jacks to the stereo system's right and left audio channels. Leave the sender's **VIDEO IN** jack unconnected.

Connecting the A/V Receiver

1. Connect one end of the remaining set of supplied A/V cables to the receiver's **VIDEO OUT** and **AUDIO OUT** jacks and connect the other end to the receiving TV's A/V IN jacks.
2. Plug the receiver's AC adapter's into the receiver's barrel plug **DC 12V** jack, then plug the other end into a standard AC outlet.



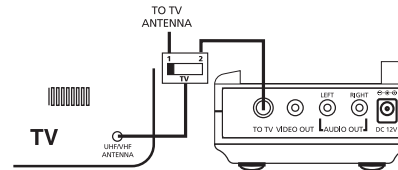
Caution: You must use a Class 2 power source that supplies 12V DC and delivers at least 400 mA. Its center tip must be set to positive and its plug must fit the receiver's **DC 12V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the receiver or the adapter.

3. Place the receiver in a convenient location, such as the top of the TV. Then adjust its antenna so the flat side faces the room where the sender is set up.

Connecting a TV Without A/V Connectors

Connect the supplied coaxial cable to the **TO TV** socket on the receiver and the receiving TV's antenna input.

Note: If you already have an antenna connected to your TV, use a TV antenna splitter (available at your local RadioShack store) to connect the receiver as well.



Set the same channel (3 or 4) on the receiving TV and **TV CHANNEL 3/4** on the bottom of the receiver.

Connecting a TV with a Satellite Receiver or Other A/V Device

If your satellite receiver or other A/V component is connected to the TV using A/V cables, you can connect the receiver to the free **LINE IN** jacks on the component. If there are no **LINE IN** jacks, use a TV antenna splitter (available at your local RadioShack store).

OPERATION

Set the sender's and receiver's **ON/OFF** to **ON**. The red lights on the front of the units light. Then turn on the connected devices.

Note: The signal might be affected by reflections and other phenomena in your home. If the signal is poor, there is interference, or you cannot get any signal on the receiving TV:

- Be sure the **CHANNEL ABCD** switches on the bottom of the sender and receiver are both set to the same channel.

- If you are using coaxial TV connections for the receiver, be sure the TV and **TV CHANNEL 3/4** on the bottom of the receiver are set to the same channel.
- Adjust the sender and receiver's antennas for the best reception.

CARE

Keep the sender dry; if it gets wet, wipe it dry immediately. Use and store the sender only in

normal temperature environments. Handle the sender carefully; do not drop it. Keep the sender away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the sender's internal components can cause a malfunction and invalidate its warranty. If your sender is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

AC Power Supply	120 VAC/60 Hz
Approvals	UL/CSA/FCC/ISC
Channels	4
Operating Frequencies (GHz):	
Channel 1	2.411
Channel 2	2.434
Channel 3	2.453
Channel 4	2.473
Channel Bandwidth	18 MHz

Sender

RF Output	50,000 mV/m @ 3m
Modulation	FM (Video & Audio)
Video Input Level	1 v p-p (typical)
Audio Input Level	1 v p-p (typical)
Video Input Impedance	75 ohms
Audio Input Impedance	600 ohms
Dimensions	5 ¹ / ₄ x 3 ⁵ / ₈ x 1 ⁷ / ₈ inch (134 x 91.5 x 48.2 mm)
Weight	6.5 oz (180 g)

Receiver

Sensitivity	-90 dBm
Video Output Level	1 v p-p (typical)
Audio Output Level	1 v p-p (typical)
Dimensions	5 ¹ / ₄ x 3 ⁵ / ₈ x 1 ⁷ / ₈ inch (134 x 91.5 x 48.2 mm)
Weight	8 oz (230 g)

Specifications are typical; individual units might vary. Specifications are subject to changes and improvements without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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